

CLAIMS

What is claimed is:

1. A cooking apparatus, comprising:
a cabinet;
at least one heater mounted in the cabinet;
a grill unit positioned on a top of the cabinet to allow food to be cooked while being laid thereon;
at least one reflecting plate mounted behind the heater to reflect heat radiated toward a position behind the heater; and
at least one elastic mounting unit to mount the heater on the reflecting plate through an elastic deformation thereof.
2. The cooking apparatus as set forth in claim 1, wherein the elastic mounting unit comprises:
at least one pair of elastic parts, the elastic parts each having a fixed end that is fixed to the reflecting plate and a free end that is elastically movable, the heater being held between the free ends of the pair of elastic parts through an elastic deformation of the free ends of the pair of elastic parts.
3. The cooking apparatus as set forth in claim 2, wherein the free ends of the elastic parts are elastically deformed to hold upper and lower portions of the heater.
4. The cooking apparatus as set forth in claim 3, wherein the free ends of the elastic parts have heater seats so that the upper and lower portions of the heater are inserted thereinto and seated thereon by a certain extent.

5. The cooking apparatus as set forth in claim 1, wherein the elastic mounting unit comprises:

at least one elastic part, the elastic part having a fixed end that is fixed to the reflecting plate and two free ends that are elastically movable, the heater being held between the free ends through an elastic deformation of the free ends.

6. The cooking apparatus as set forth in claim 5, wherein the free ends of the elastic part are elastically deformed to hold upper and lower portions of the heater, respectively.

7. The cooking apparatus as set forth in claim 6, wherein:
the free ends of the elastic part have extended parts extended to face each other at both ends of the free ends, respectively, to prevent the heater from being removed from the elastic mounting unit; and

the fixed end of the elastic part has a support part that is projected to support a back of the heater so as to firmly support the heater.

8. The cooking apparatus as set forth in claim 1, wherein the heater is provided on a back thereof with power supply terminals.

9. A cooking apparatus having a cabinet and a plurality of heaters mounted in the cabinet, comprising:

a grill unit being in contact with the cabinet to allow food to be cooked while being laid thereon;

a plurality of reflecting plates mounted behind the respective heaters to reflect heat radiated toward a position behind the respective heaters; and

a plurality of elastic mounting units to mount the respective heaters on the respective plates through an elastic deformation thereof.

10. The cooking apparatus as set forth in claim 9, wherein each of the elastic mounting units comprise:

at least one pair of elastic parts, the elastic parts each having a fixed end that is fixed to the respective reflecting plate and a free end that is elastically movable, the respective heater being held between the free ends of the pair of elastic parts through an elastic deformation of the free ends of the pair of elastic parts.

11. The cooking apparatus as set forth in claim 10, wherein the free ends of the elastic parts are elastically deformed to hold the heater.

12. The cooking apparatus as set forth in claim 11, wherein the free ends of the elastic parts have heater seats so that portions of the heater are inserted thereinto and seated thereon.

13. The cooking apparatus as set forth in claim 9, wherein each of the elastic mounting unit comprise:

at least one elastic part, the elastic part having a fixed end that is fixed to the respective reflecting plate and two free ends that are elastically movable, the respective heater being held between the free ends through an elastic deformation of the free ends.

14. The cooking apparatus as set forth in claim 13, wherein the free ends of the elastic part are elastically deformed to hold portions of the heater, respectively.

15. The cooking apparatus as set forth in claim 14, wherein:

the free ends of the elastic part have extended parts extended to face each other at both

ends of the free ends, respectively, to prevent the heater from being removed from the elastic mounting unit; and

the fixed end of the elastic part has a support part that is projected to support a back of the heater so as to firmly support the heater.

16. The cooking apparatus as set forth in claim 9, further comprising:
power supply terminals provided behind the respective heater to supply power to the heater.

17. The cooking apparatus as set forth in claim 13, wherein the free ends and the fixed end are integrally formed in one piece.

18. The cooking apparatus as set forth in claim 15, wherein the support part is integrally formed with the free ends and the fixed end and between pairs of each free end and fixed end.